LED DOUBLE DERBY
MK2 2x1OW RGBW
User manual

Introduction

thank you for choosing our LED DOUBLE DERBY. If you follow the introductions given in this manual, we are sure you will enjoy the device for a long period of time.

Unpack your LED DOUBLE DERBY. Check carefully the content of the box and contact immediately your forwarder in case of damage

The following items are included in the box:

1. User manual

Main features

. 2x10W RGBW LED

. LED life time up to 100 000 hours

. High efficient organic lenses

. DMX controllable, Stand—alone with master/slave function

. Built—in microphone for sound control

. Built—in programs can be triggered by DMX & sound

.Powered by high quality switching power supply

1,Operation

Please connect the device to the DMX controller correctly

The device have two operation modes, it can be operated via DIP or DMX controller

Function setting：

Function	10	9	8	7	6	5	4	3	2	1
Auto	ON	OF	OF	XX	ON: strobe on master fixture OF: no strobe	OF seven color jump change ON gradual change	LED light run speed setting OF slowest ON fastest		Motor speed setting OF slowest ON fastest	
	ON	OF	ON	ON R/G/B	ON Blue	ON Green	ON Red	XX		
Sound control	ON	ON	XX	XX	XX	XX	XX	XX	XX	XX
Slave mode	OF	OF	OF	OF	OF	OF	OF	OF	OF	ON
DMX mode	OF	1 to 9 is DMX address setting								

DMX control（when 10 is off，it is DMX control）

Channel	Value	Function description
CH1	0-255	The position of motor
CH2	0	No bright
	1-255	Led brightness for rgbw
CH3	0	No strobe
	1-255	LED strobe, the speed from slow to fast
CH4	0	Red color is off
	1-255	Red dimmer, the brightness from dark to bright
CH5	0	Green color is off
	1-255	Green dimmer, the brightness from dark to bright
CH6	0	Blue color is off
	1-255	Blue dimmer, the brightness from dark to bright
CH7	0	White color is off
	1-255	White dimmer, the brightness from dark to bright

CH8	0-255	LED programm speed setting, from fast to slow

Dip switch：9.10 sound control 10 Auto on slow speed 1.10Auto on fast speed 1 DXM512 control

Technical specifications

Power supply:90V-240v 50/60 Hz

Fuse:1A

Color: color mixing RGBW LED

Power consumption: no more than 20W

Sound control: Auto, DMX512, Master/Slave

Size : 202x170x200mm

Weight: 2 KG